SIEMENS

Mammomat 3000 - Opdima®

SP

Service

Modification Instructions

Upgrade to Opdima Software v 1.4

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General

The upgrading to Opdima Aplication Software (ASW) version 1.4 requires ASW version 1.3 to be installed. Valid for camera 63 97 439 with serial no. 1201 and higher.

Contents of update kit

- Opdima Software version 1.4

Tools required

If SUN workstation (art no. 64 30 453) with serial number from 1109, external CD drive is necessary, for example Sun Extern CD12x with sun part. no. X6157.

Time required

CD installation:	approximately 20 min, 1 person
SW upgrade:	approximately 10 min, 1 person

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Installation of CD drive

1. Press Logout in the mode selection dialog.

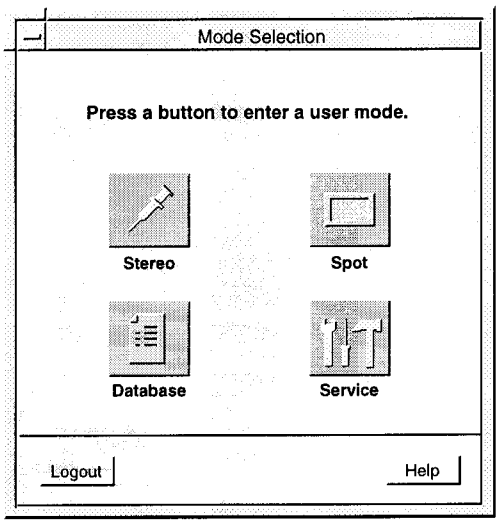

Figure 3 Mode selection dialog

2. Enter user name "poweroff" in the login dialog and press OK.

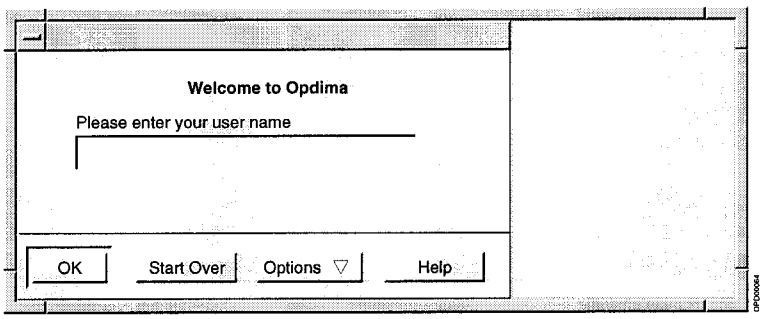

Figure 4 Login dialog

3. Press OK in the login dialog without entering any password.

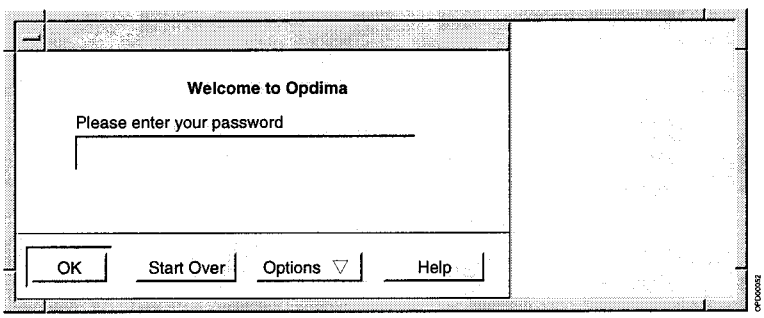

Figure 5 Login dialog

4. After a while the workstation is turned off automatically.
5. Disconnect the MO-unit from the workstation. Connect the SCSI cable from the CD-unit (SCSI ID: 6 for CD-unit) to the workstation and connect the MO-unit to the CD-unit.

6. Switch on the workstation by pressing the power-on key.

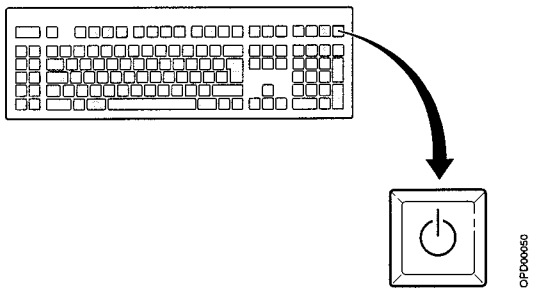

Figure 6 Power-on key

Upgrade to Opdima Application Software (ASW) version 1.4

Installation of version 1.4 does NOT use the "Advanced Service" user interface. Instead, the service operator must get a command ("shell") prompt, and type in UNIX commands directly.

This is done by performing the following steps.

1. Switch on the workstation.
2. Log in as service user.
3. Press the **Control**, **Alt**, **Shift** and **!** keys at the keyboard simultaneously.
4. A dialog box saying "Switch to default behaviour ?" will appear.
5. Click OK. The screen will flash for a second.
6. Place the mouse pointer on the screen background and press the rightmost mouse button.
7. Select "New window".
8. A window with a UNIX shell prompt appears.

   Now it is time to perform the upgrade installation. It is done by typing commands at the shell prompt.

NOTICE	**<Enter> means that the operator should press the Enter key.**

9. Insert the Opdima 1.4 CD, and wait a few seconds.

NOTICE	**Make sure that the Num Lock and Caps Lock are deactivated.**

10. At the shell prompt, type
    `cd /cdrom/opdima.1.4_6432707` <Enter>
11. Now type
    `./install` <Enter>
12. Wait until a message confirming the installation appears.

    All that is left is to remove the CD and exit.
13. Type
    `cd ; eject` <Enter>
14. Close window by typing
    `exit` <Enter>
15. Log out from Opdima.
16. Login to the system with the user name "`service`" (using the password for service).
17. Select **Advanced service** in the service mode and perform camera calibration, see service instruction (SPB7-230.061.03.02.02).
18. Done !

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